

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/848,185

DATE: 10/29/2001

TIME: 09:59:56

Input Set : A:\DIVER1280-11.ST25.txt
Output Set: N:\CRF3\10292001\I848185.raw

2 <110> APPLICANT: DIVERSA CORPORATION
3 SHORT, Jay
4 KELLER, Martin
6 <120> TITLE OF INVENTION: HIGH THROUGHPUT SCREENING FOR NOVEL ENZYMES
8 <130> FILE REFERENCE: DIVER1280-11
10 <140> CURRENT APPLICATION NUMBER: US 09/848,185
C--> 11 <141> CURRENT FILING DATE: 1999-04-09 ✓
13 <150> PRIOR APPLICATION NUMBER: US 09/636,778
14 <151> PRIOR FILING DATE: 2000-08-11
16 <150> PRIOR APPLICATION NUMBER: US 09/098,206
17 <151> PRIOR FILING DATE: 1998-06-16
19 <150> PRIOR APPLICATION NUMBER: US 08/876,276
20 <151> PRIOR FILING DATE: 1997-06-16
22 <160> NUMBER OF SEQ ID NOS: 2
24 <170> SOFTWARE: PatentIn version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 20 ✓
28 <212> TYPE: DNA ✓
29 <213> ORGANISM: Artificial sequence ✓
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Forward primer for PCR ✓
34 <400> SEQUENCE: 1
35 agagtttgat cctggctcag
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 19 ✓
40 <212> TYPE: DNA ✓
41 <213> ORGANISM: Artificial sequence ✓
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Reverse primer for PCR ✓
46 <400> SEQUENCE: 2
47 gtttacccat ttacgactt ✓

ENTERED

20

19

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/848,185

DATE: 10/29/2001

TIME: 09:59:57

Input Set : A:\DIVER1280-11.ST25.txt

Output Set: N:\CRF3\10292001\I848185.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Serial Number: 09/848185

09/0

09/20

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a formal error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were

ENTERED

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (due to a PatentIn bug). Sequences corrected:

Other: Original output does not match diskette contents
Examined diskette. Reprocessed file.

W. Hargan

Original processing date 10/04/01 mjt

Examiner: The above corrections must be communicated to the applicant in the first O Action. DO NOT send a copy of this form.